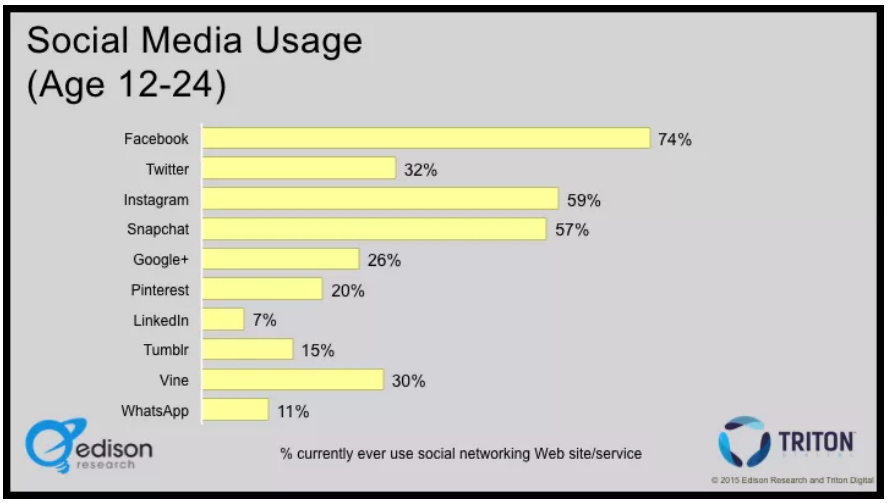
L6 - Interpreting Graphs

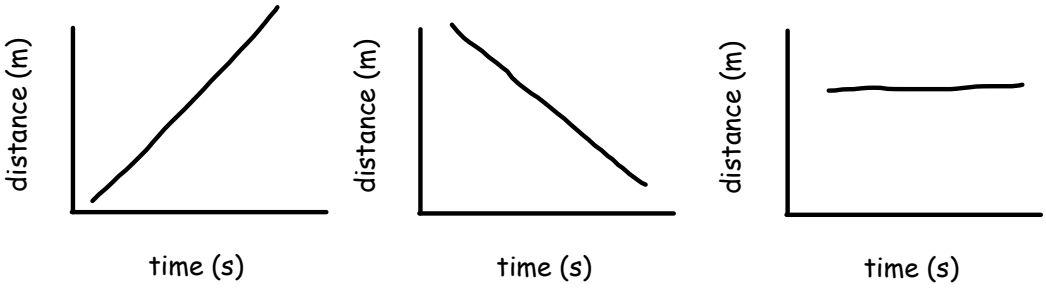
Graphs are often used to display information in the media.

These graphs are sometimes misleading or can be misinterpreted.

Knowing how to interpret graphs is an important media literacy skill



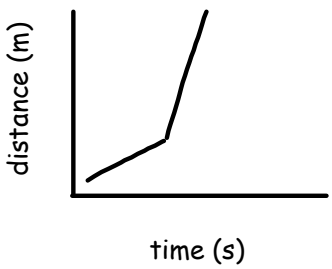
Distance - time graphs



What happens: when you move away

What happens: when you come close

What happens: when you not moving



What happens:
when you go faster/slower,

Getting to Class Graphs

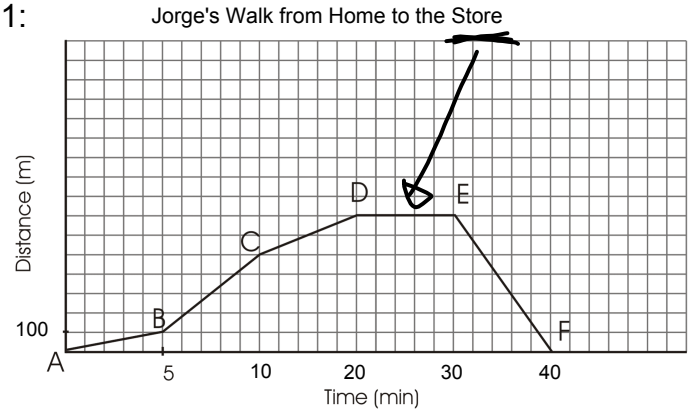
Below the following graphs are three stories about from your locker to your class. Match the graphs and the stories.

Story 1: C — I started to walk to class, but I realized I had forgotten my notebook, so I went back to my locker and then I went quickly at a constant rate to class.

Story 2: D — I was rushing to get to class when I realized I wasn't really late, so I slowed down a bit and then slowed down some more.

Story 3: B — I started walking at a steady, slow, constant rate to my class, then I stopped to talk to one of my bros and then, realizing I was late, so I ran the rest of the way at a steady, faster rate.

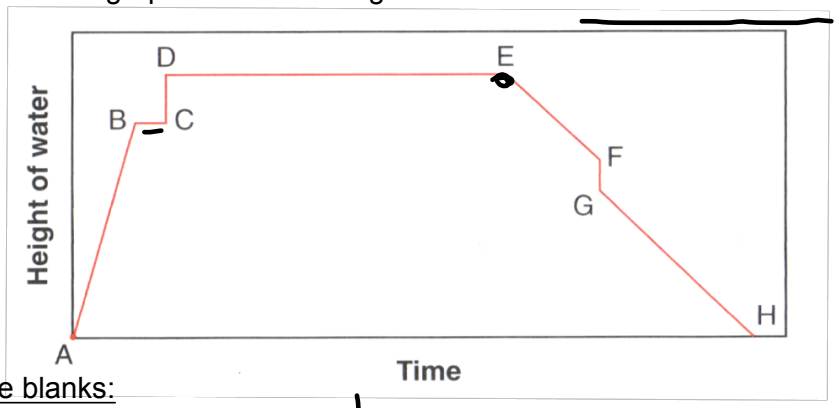
Ex 1:



Describes his walk

- From A to B, Jorge walks very slowly away from home. Graph goes up to the right. Jorge is walking for 5 min. He walks 100 m.
- From B to C, Jorge starts walking faster way from home. B and C is more steep going up to the right. Jorge is walking for 5 min. He walks 400 m.
- From C to D, Jorge walks even quicker away from home. C and D is more steep going up to the right.
- D to E at store
- E to F walks straight home.

Ex 2: The graph shows the height of water in a bathtub over time.



Fill in the blanks:

At point A, the bathtub is empty

A person puts in the plug and turns on the water.

From point A to B, the tub filling with water.

At point B, the person turns off the water.

At point C, the person gets into the tub, causing the water level to rise suddenly.

At point E, he takes out the plug and the water begins to drain.

At point F, the person gets out of the tub, causing the water level to drops suddenly.

From point G to point H, the water continues to drain.

At point H, the tub is empty.

Hmwk p.182 #1, 2, 3 and 4

Attachments

04b - DistanceTimeGraphs.doc